

## Cost Estimate Breakdown Alternative C

		Range of Capital Cost (\$1,000,000s)
1.	Demand Management Elements	900 to 1,700 <sup>1,2</sup>
	<ul style="list-style-type: none"> <li>• Drought Period Ag Land Fallowing<sup>1</sup></li> <li>• Permanent Ag Land Retirement<sup>1</sup></li> <li>• Urban water conservation beyond BMPs<sup>2</sup></li> <li>• Ag water conservation beyond EWMPs<sup>2</sup></li> <li>• Reclamation<sup>2</sup></li> </ul>	
2.	Through Delta Channel Capacity Improvements	80 to 150
3.	Isolated Conveyance Facility	950 to 1,275
4.	Surface Storage	1,150 to 2,150 <sup>3</sup>
	0.5 to 1.0 maf offstream North of Delta	
	0.5 to 1.0 maf offstream South of Delta	
5.	Conjunctive Use & GW Banking	50 to 75
6.	Water Quality Actions	250 to 450 <sup>2</sup>
	<ul style="list-style-type: none"> <li>• Dilution of San Joaquin River Drainage</li> <li>• Construct wetlands to treat Ag Drainage</li> <li>• Manage urban stormwater runoff<sup>2</sup></li> <li>• Manage mine drainage<sup>2</sup> (local agency contributions to offset NPDES requirements)</li> </ul>	

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<sup>1</sup> Programs can be designed to have internally generated financing after initial "seed money," generally internal to individual water Districts.

<sup>2</sup> Programs funded in large part by local agencies.

<sup>3</sup> Portions of offstream storage can be designed to be partly dedicated (and may be cost allocated) to ecosystem quality.

7.	Bay & Delta Habitat Restoration	850 to 1,600 <sup>4</sup>
	<ul style="list-style-type: none"> <li>• Habitat restoration in Bay and Delta</li> <li>• San Joaquin River Improvements<sup>4</sup></li> <li>• Obtain Water for the Environment<sup>4</sup></li> <li>• Fish Passage Improvements<sup>4</sup></li> <li>• Real Time Monitoring of Fish Migration<sup>4</sup></li> <li>• Fish Screens on Diversions<sup>4</sup></li> <li>• Store Water for the Environment<sup>4</sup></li> </ul>	
8.	Upper Sacramento River Restoration	350 to 700 <sup>4</sup>
9.	Levee and Channel Work	1,070 to 2,000 <sup>5</sup>
	<ul style="list-style-type: none"> <li>• Critical levee stabilization</li> <li>• Levee maintenance funding</li> <li>• Emergency response funding</li> </ul>	
Total		<u>\$5,650 to 10,100</u>

Note: Work is "in-progress" to allocate costs between ecosystem restoration, water supply, water quality, and levee and channel work. In the case of the first three resources identified above, cost allocations may be a function of the adopted operational criteria.

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<sup>4</sup> Programs have funding sources outside the CALFED Bay-Delta Program. (CVPIA, SJRMP, SB 1086, other on-going programs, etc.)

<sup>5</sup> Approximately 50 to 65% of levee and channel work costs are related to habitat restoration actions associated with the levee stabilization work.